

What is claimed is:

1. A thermosiphon comprising:

a condenser attached to a refrigerator for condensing a working fluid;

a liquid pipe for discharging the working fluid condensed in the condenser;

an evaporator for vaporizing the working fluid fed from the liquid pipe in order to deprive an inside of a container of heat; and

a gas pipe for returning the working fluid vaporized inside the evaporator to said condenser,

wherein said evaporator is made up of:

an evaporating section formed of an extruded member, having a plurality of fine pores formed substantially in parallel with one another;

an introducing section provided on an upstream side of the fine pores of the evaporating section, said introducing section introducing the liquid working fluid fed from the liquid pipe into the fine pores of the evaporating section; and

an exhausting section provided on a downstream side of the evaporating section, said exhausting section collecting the evaporated working fluid in the fine pores of the evaporating section and then supplying the working fluid thus collected into the gas pipe, and

wherein said evaporating section is provided along an outer periphery of the container.

2. A thermosiphon according to claim 1, wherein said plurality of fine pores of said evaporator are arranged vertically, disposed in an approximately horizontal manner.

- 1 3. A thermosiphon according to claim 2, wherein said evaporating section is bent so that
- 2 it may extend along an outer surface of the container.